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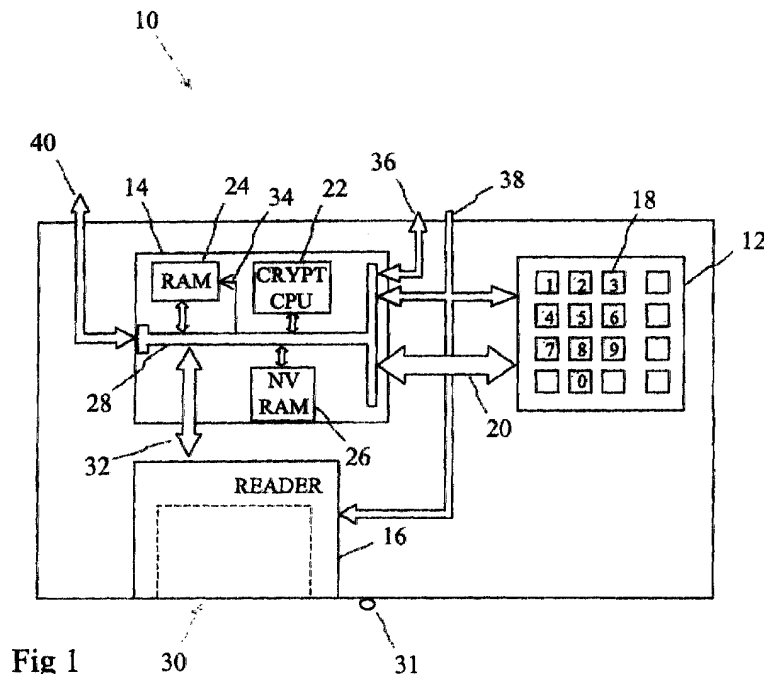
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(54) **Encrypting keypad module**

(57) An encrypting keypad module (10) comprising a keypad (12) and an encryption unit (14) is described. The module (10) includes a reader (16) (such as a Smart card reader) for receiving a removable secure device (50) (such as a Smart card). The keypad module (10) is operable to communicate with the Smart card (50) and

to receive secure data therefrom. This secure data may relate to a new PIN key, a new encryption algorithm for use with a PIN key, or such like. An encrypting keypad system, and a method of changing secure information stored in an encrypting keypad module, are also described.



**Fig 1**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 2228

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	* column 1, line 47 - line 65 * * column 4, line 37 - column 6, line 48; figure 1 *	2,4	
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Place of search	Date of completion of the search	Examiner	
THE HAGUE	22 January 2003	Rivero, C	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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